From: Daly, Eric
To: Ex. 7(c)
Cc: Bellis, Mark

Subject: USEPA Assessment at Niagara Falls Boulevard Site-Greater Niagara Building Center

Date: Friday, August 21, 2015 1:32:00 PM

Attachments: <u>image001.png</u>

RADON - Greater Niagara Building Center - 9540 Niagara Falls Blvd., Niagara Falls NY.pdf

Importance: High

Good Afternoon Ex. 7(c)

Attached are the preliminary radon results for the Greater Niagara Building Center. This is draft preliminary information and there will be polished diagrams in the final report. As expected, you have increased radon levels in the rear warehouse area (2.6-3.1 picC/L). This is storage area and it is labeled Warehouse #3 on report. These readings are all below the 4.0 piC/L action level. However, radon increases during the colder months. Adding to that is the fact that doors and windows are shut during the winter.

As our draft data products are developed, we will submit them to you for your review.

Regards,

Eric

"We must, indeed, all hang together, or assuredly we shall all hang separately ", Benjamin Franklin

Eric M. Daly

On-Scene Coordinator/Radiological Response Specialist

US Environmental Protection Agency- Region II

ERRD/RPB/PPS

2890 Woodbridge Avenue

Edison, NJ 08837

daly.eric@epa.gov

732-321-4350

From: Ex. 7(c)

Sent: Thursday, July 30, 2015 12:59 PM

To: Daly, Eric

Subject: RE: USEPA Assessment at Niagara Falls Boulevard Site

Thank you for the update!



Ex. 7(c)

Office: 716-299-0543 Fax:716-299-0684 WWW.GNBCsupply.com

"We must find time to stop and thank the people who make a difference in our lives."

John F. Kennedy

From: Daly, Eric [mailto:Daly.Eric@epa.gov]
Sent: Thursday, July 30, 2015 9:11 AM

To: Ex. 7(c) Ex. 7(c)

Subject: USEPA Assessment at Niagara Falls Boulevard Site

Good Morning:

Below is a short summary describing our work last week and what we propose to perform the week of August 10th. That week we will drop off the radon canister in both buildings either Monday or Tuesday with pickup days being either Thursday or Friday. We will also be performing Geo Probe Soil Boring Sampling at specific points along the property that were not sampled by the USEPA Pre-Remedial Program. Please let me know if you have any questions. Thanks

On July 13, 2015-July 17, 2015, OSC Daly, OSC Bellis and Weston mobilized at the NFB Site to continue assessment activities. The tasks included:

- Grid out all survey areas within the two buildings on-site
- Gamma delineation with two separate instruments (Ludlum 2241/Fluke PIC) inside the buildings.
- RAD 7 Radon/Thoron survey within the buildings
- Gamma survey and RAD 7 survey at designated outside areas
- SAM 940 spectrums were collected in areas that exhibited elevated gamma readings.
- OSC coordination tasks with
 - Owner/operator of Site
 - There are two operators at this site
 - o Public Affairs
 - o Legal Staff

Preliminary draft results indicate that there are no elevated gamma or radon/thoron readings within the occupied spaces of one building at the site. However, the second building exhibited some "hot spots" or defined areas that had elevated gamma readings. These areas appear to be portions of the building that were additions to the original building. Meaning, the construction of the additions occurred after the contaminated fill was in place and therefore, the radioactive material is located below the concrete slab of these sections.

OSCs and Weston tentatively plan to return to NFB Site the week of August 10, 2015 to perform radon canister sampling in both buildings as well as Geo Probe Soil Boring Sampling at specific points along the property that was not assessed by the Pre-Remedial Program Regards,

Eric

"We must, indeed, all hang together, or assuredly we shall all hang separately ", Benjamin Franklin

Eric M. Daly

On-Scene Coordinator/Radiological Response Specialist

US Environmental Protection Agency- Region II

ERRD/RPB/PPS

2890 Woodbridge Avenue

Edison, NJ 08837

daly.eric@epa.gov

732-321-4350

No virus found in this message.

Checked by AVG - www.avg.com

Version: 2015.0.6086 / Virus Database: 4392/10337 - Release Date: 07/30/15



Site Radon Inspection Report

Mr. Rick Pezzino ACCU-VIEW PROPERTY INSP. P.O. Box 641 East Amherst, NY 14051-

Client: Greater Niagara Building Center Inc.

Test Location: 9540 Niagara Falls Blvd

Niagara Falls, NY 14304-

Individual Canister Results

 Canister ID# :
 2429425
 Test Start :
 08/10/2015 @ 08:19

 Canister Type :
 Charcoal Canister 3 inch
 Test Stop :
 08/13/2015 @ 09:31

 Location :
 First Floor-Off 3-South
 Received:
 08/18/2015 @ 14:27

 Radon Level :
 1.2 pCi/L
 Analyzed:
 08/19/2015 @ 11:26

N002-AA010-02

Error for Measurement is: ± 0.4 pCi/L

 Canister ID# :
 2429426
 Test Start :
 08/10/2015 @ 08:10

 Canister Type :
 Charcoal Canister 3 inch
 Test Stop :
 08/13/2015 @ 10:27

 Location :
 First Floor-Storage #2-N
 Received:
 08/18/2015 @ 14:27

 Radon Level :
 1.1 pCi/L
 Analyzed:
 08/19/2015 @ 11:42

N002-AA009-01

Error for Measurement is: ± 0.5 pCi/L

 Canister ID# :
 2429440
 Test Start :
 08/10/2015 @ 09:53

 Canister Type :
 Charcoal Canister 3 inch
 Test Stop :
 08/13/2015 @ 10:13

 Location :
 First Floor-Storage 4
 Received:
 08/18/2015 @ 14:27

 Radon Level :
 1.2 pCi/L
 Analyzed:
 08/19/2015 @ 11:42

N002-AA030-01

Error for Measurement is: ± 0.5 pCi/L

 Canister ID# :
 2429430
 Test Start :
 08/10/2015 @ 09:33

 Canister Type :
 Charcoal Canister 3 inch
 Test Stop :
 08/13/2015 @ 10:05

 Location :
 First Floor-Storage 3
 Received:
 08/18/2015 @ 14:27

 Radon Level :
 1.2 pCi/L
 Analyzed:
 08/19/2015 @ 11:26

N002-AA025-01

Error for Measurement is: ± 0.4 pCi/L



Andrews C. George

Andreas C. George Radon Measurement Specialist Dante Galan Laboratory Director NYS ELAP ID: 10806 PADEP ID: 0346 NJDEP ID: NY933 NJ MEB 90036 FL DOH RB1609

NRSB ARL0001

IL RNL2000201

NJ MES 11089



Site Radon Inspection Report

Canister ID#: 2429455 Test Start : 08/10/2015 @ 09:29 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 10:02 First Floor-Storage 6 Received: Location: 08/18/2015 @ 14:27 Radon Level: 2.0 pCi/L Analyzed: 08/19/2015 @ 11:42

N002-AA024-01

Error for Measurement is: + 0.5 pCi/L

Canister ID#: 2429453 08/10/2015 @ 09:00 Test Start : Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:50 Received: Location: First Floor-Warehouse#2 08/18/2015 @ 14:27 Analyzed: 08/19/2015 @ 10:32 Radon Level: 1.5 pCi/L

N002-AA018-01

Error for Measurement is: + 0.5 pCi/L

2429458 Canister ID#: Test Start: 08/10/2015 @ 09:45 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 10:10 First Floor-Wood Work Area : Received: Location: 08/18/2015 @ 14:27 Analyzed: Radon Level: 0.5 pCi/L 08/19/2015 @ 10:32

N002-AA028-01

Error for Measurement is: + 0.5 pCi/L

2429429 Canister ID#: Test Start : 08/10/2015 @ 08:19 Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:31 Canister Type: Received: Location: First Floor-Off 3-South 08/18/2015 @ 14:27 Radon Level: 1.0 pCi/L Analyzed: 08/19/2015 @ 12:01

N002-AA010-01

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2429428 Test Start: 08/10/2015 @ 10:07 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 10:21 Location: First Floor-Stor 5 Received: 08/18/2015 @ 14:27 Radon Level: Analyzed: 0.9 pCi/L 08/19/2015 @ 11:26

N002-AA032-01

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2429478 Test Start: 08/10/2015 @ 08:06 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 10:25 Location: First Floor-Storage #2-S Received: 08/18/2015 @ 14:27 Analyzed: Radon Level: 1.0 pCi/L 08/19/2015 @ 12:01

N002-AA008-01



Andrews C. George

Andreas C. George Radon Measurement Specialist

Dante Galan Laboratory Director

PADEP ID: 0346 NJDEP ID: NY933 NJ MEB 90036 FL DOH RB1609

NRSB ARL0001

IL RNL2000201

NYS ELAP ID: 10806

NJ MES 11089



Site Radon Inspection Report

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2429490 Test Start: 08/10/2015 @ 07:29 Canister Type: Test Stop: 08/13/2015 @ 09:12 Charcoal Canister 3 inch Location: First Floor-Frt Cor-East Received: 08/18/2015 @ 14:27 Radon Level: 0.8 pCi/L Analyzed: 08/19/2015 @ 11:26

N002-AA001-01

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2429471 Test Start: 08/10/2015 @ 08:45 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:43 Location: First Floor-Warehouse#1 Nor Received: 08/18/2015 @ 14:27 Analyzed: Radon Level: 1.0 pCi/L 08/19/2015 @ 11:42

N002-AA015-01

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2429483 Test Start: 08/10/2015 @ 08:32 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:38 Received: Location: First Floor-Warehouse#1 08/18/2015 @ 14:27 Analyzed: 1.0 pCi/L 08/19/2015 @ 11:26 Radon Level:

N002-AA012-01

Error for Measurement is: + 0.5 pCi/L

2429479 Test Start: 08/10/2015 @ 09:42 Canister ID#: 08/13/2015 @ 10:09 Canister Type: Charcoal Canister 3 inch Test Stop: First Floor-Wood Work Area Received: Location: 08/18/2015 @ 14:27 1.2 pCi/L Analyzed: 08/19/2015 @ 11:42 Radon Level:

N002-AA027-01

Error for Measurement is: + 0.5 pCi/L

Canister ID#: 2429444 Test Start: 08/10/2015 @ 07:30 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:13 Received: Location: First Floor-Frt Cor-West 08/18/2015 @ 14:27 Analyzed: Radon Level: 0.8 pCi/L 08/19/2015 @ 11:42

N002-AA002-01

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2429457 Test Start: 08/10/2015 @ 10:07 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 10:21 Location: First Floor-Stor 5 BL Received: 08/18/2015 @ 14:27 Analyzed: Radon Level: 0.1 pCi/L 08/19/2015 @ 11:26



Andrews C. George

Andreas C. George Radon Measurement Specialist Laboratory Director

Dante Galan



Site Radon Inspection Report

N002-FBA-150813

Error for Measurement is: + 1.0 pCi/L

Canister ID#: 2429446 Test Start: 08/10/2015 @ 09:12 Canister Type: Test Stop: 08/13/2015 @ 09:56 Charcoal Canister 3 inch Received: Location: First Floor-Warehouse#3 08/18/2015 @ 14:27 Analyzed: 08/19/2015 @ 11:42 Radon Level: 2.6 pCi/L

N002-AA021-01

Error for Measurement is: + 0.5 pCi/L

2429463 Canister ID#: Test Start: 08/10/2015 @ 09:05 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:52 Received: Location: First Floor-Warehouse#2 08/18/2015 @ 14:27 Radon Level: 1.1 pCi/L Analyzed: 08/19/2015 @ 11:42

N002-AA019-01

Error for Measurement is: + 0.5 pCi/L

Canister ID#: 2429451 Test Start: 08/10/2015 @ 09:20 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:58 Location: First Floor-Warehouse#3 Received: 08/18/2015 @ 14:27 Analyzed: Radon Level: 3.1 pCi/L 08/19/2015 @ 11:26

N002-AA022-01

Error for Measurement is: + 0.6 pCi/L

Canister ID#: 2429519 Test Start: 08/10/2015 @ 07:54 08/13/2015 @ 09:21 Canister Type: Charcoal Canister 3 inch Test Stop: Location: First Floor-Off #2-West Received: 08/18/2015 @ 14:27 Radon Level: 1.0 pCi/L Analyzed: 08/19/2015 @ 11:42

N002-AA006-01

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2429538 Test Start: 08/10/2015 @ 09:48 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 10:12 Received: Location: First Floor-Wood Work Area 08/18/2015 @ 14:27 Analyzed: Radon Level: 1.2 pCi/L 08/19/2015 @ 11:42

N002-AA029-01

Error for Measurement is: + 0.5 pCi/L



Andrews C. George

Andreas C. George Radon Measurement Specialist

Dante Galan Laboratory Director



Site Radon Inspection Report

Canister ID#: 2429535 Test Start : 08/10/2015 @ 09:13 Test Stop: Canister Type: Charcoal Canister 3 inch 08/13/2015 @ 09:54 Received: First Floor-Warehouse#3 Location: 08/18/2015 @ 14:27

Radon Level: 2.9 pCi/L Analyzed: 08/19/2015 @ 11:26

N002-AA020-01

Error for Measurement is: + 0.6 pCi/L

Canister ID#: 2429502 08/10/2015 @ 08:06 Test Start : Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 10:25 Received: Location: First Floor-Storage #2-S 08/18/2015 @ 14:27 Analyzed: 08/19/2015 @ 11:26

Radon Level: 0.7 pCi/L

N002-AA008-02

Error for Measurement is: + 0.5 pCi/L

2429534 Canister ID#: Test Start: 08/10/2015 @ 08:00 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:24 Received: Location: First Floor-Storage #1 08/18/2015 @ 14:27 Analyzed: Radon Level: 0.9 pCi/L 08/19/2015 @ 10:32

N002-AA007-01

Error for Measurement is: + 0.5 pCi/L

2429517 Canister ID#: Test Start : 08/10/2015 @ 07:51 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:20 First Floor-Off #2-East Received: Location: 08/18/2015 @ 14:27 Radon Level: 0.3 pCi/L Analyzed: 08/19/2015 @ 10:32

N002-AA005-01

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2429491 Test Start: 08/10/2015 @ 09:39 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 10:07 Received: Location: First Floor-Wood Work Area 08/18/2015 @ 14:27 Radon Level: Analyzed: 1.3 pCi/L 08/19/2015 @ 11:26

N002-AA026-01

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2429501 Test Start: 08/10/2015 @ 07:46 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:17 Location: First Floor-Off #1-East Received: 08/18/2015 @ 14:27 Analyzed: Radon Level: 0.7 pCi/L 08/19/2015 @ 11:42

N002-AA004-01



Andrews C. George

Andreas C. George Radon Measurement Specialist

Dante Galan Laboratory Director



Site Radon Inspection Report

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2429518 Test Start: 08/10/2015 @ 07:40 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:16 Location: First Floor-Off 1-West Received: 08/18/2015 @ 14:27 Radon Level: 0.4 pCi/L Analyzed: 08/19/2015 @ 11:42

N002-AA003-01

Error for Measurement is: + 0.5 pCi/L

Canister ID#: 2429530 Test Start: 08/10/2015 @ 09:23 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 10:00 Location: First Floor-Warehouse#3 Received: 08/18/2015 @ 14:27 Analyzed: Radon Level: 3.5 pCi/L 08/19/2015 @ 11:42

N002-AA023-01

Error for Measurement is: + 0.5 pCi/L

Canister ID#: 2429466 Test Start: 08/10/2015 @ 07:30 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:13 Received: Location: First Floor-Frt Cor-West 08/18/2015 @ 14:27 Analyzed: 08/19/2015 @ 11:26 Radon Level: 0.9 pCi/L

N002-AA002-02

Error for Measurement is: + 0.4 pCi/L

2429465 Test Start: 08/10/2015 @ 08:56 Canister ID#: 08/13/2015 @ 09:48 Canister Type: Charcoal Canister 3 inch Test Stop: 08/18/2015 @ 14:27 First Floor-Warehouse#2 Received: Location: 1.2 pCi/L Analyzed: 08/19/2015 @ 11:26 Radon Level:

N002-AA017-01

Error for Measurement is: + 0.5 pCi/L

Canister ID#: 2429470 Test Start: 08/10/2015 @ 08:40 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:41 First Floor-Warehouse#1 Cer Received: Location: 08/18/2015 @ 14:27 Analyzed: Radon Level: 1.0 pCi/L 08/19/2015 @ 11:26

N002-AA014-01

Error for Measurement is: + 0.5 pCi/L

Canister ID#: 2429469 Test Start: 08/10/2015 @ 09:59 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 10:19 Location: First Floor-Stor 5 Received: 08/18/2015 @ 14:27 Analyzed: Radon Level: 0.9 pCi/L 08/19/2015 @ 11:26



Andrews C. George

Andreas C. George Radon Measurement Specialist Laboratory Director

Dante Galan



Site Radon Inspection Report

N002-AA031-01

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2429473 Test Start: 08/10/2015 @ 07:55 Canister Type: Test Stop: 08/13/2015 @ 09:21 Charcoal Canister 3 inch Received: Location: First Floor-Off #2-West 08/18/2015 @ 14:27 Analyzed: 08/19/2015 @ 12:01 Radon Level: 0.4 pCi/L

N002-AA006-02

Error for Measurement is: + 0.4 pCi/L

2429489 Canister ID#: Test Start: 08/10/2015 @ 08:24 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:32 Received: Location: First Floor-Off 3-North 08/18/2015 @ 14:27 Radon Level: 0.9 pCi/L Analyzed: 08/19/2015 @ 11:42

N002-AA011-01

Error for Measurement is: + 0.5 pCi/L

Canister ID#: 2429499 Test Start: 08/10/2015 @ 08:36 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:39 Location: First Floor-Warehouse#1 Received: 08/18/2015 @ 14:27 Analyzed: Radon Level: 0.7 pCi/L 08/19/2015 @ 12:01

N002-AA013-01

Error for Measurement is: + 0.4 pCi/L

Canister ID#: 2429484 Test Start: 08/10/2015 @ 10:12 08/13/2015 @ 10:23 Canister Type: Charcoal Canister 3 inch Test Stop: Location: First Floor-Stor 2 BL Received: 08/18/2015 @ 14:27 Radon Level: 0.1 pCi/L Analyzed: 08/19/2015 @ 11:26

N002-FBB-150813

Error for Measurement is: + 0.2 pCi/L

2429494 Canister ID#: Test Start: 08/10/2015 @ 08:53 Canister Type: Charcoal Canister 3 inch Test Stop: 08/13/2015 @ 09:45 First Floor-Warehouse#2 Sou Received: Location: 08/18/2015 @ 14:27 Analyzed: Radon Level: 1.0 pCi/L 08/19/2015 @ 11:26

N002-AA016-01

Error for Measurement is: + 0.4 pCi/L



Andrews C. George

Andreas C. George Radon Measurement Specialist Laboratory Director

Dante Galan



Site Radon Inspection Report

The reported results indicate that radon levels in the building are below the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends retesting if your living patterns change and you begin occupying a lower level of the building, such as a basement or if major remodeling is done.

General radon information may be obtained by consulting the EPA booklet: A Citizen's Guide to Radon (www.epa.gov/radon/pubs/citguide.html). To request a copy or for further information, please contact your state health department. The EPA maintains a radon information website, including copies of its publications, at www.epa.gov/iaq/radon.

For New Jersey clients: Please see the attached guidance document entitled <u>Radon Testing and Mitigation: The Basics</u> for further information.

For New York clients: If the radon level of one or more testing devices is equal to or exceeds 20 pCi/L please contact the New York State Department of Health, Bureau of Environmental Radiation Protection, for technical advice and assistance at 518-402-7556 or toll free 1-800-458-1158.

PLEDGE OF ASSURED QUALITY

All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of radon in air (EPA 402-R-92-004). The analytical results relate only to the samples tested, in the condition received by the lab, and that calculations were based upon the information supplied by client. RTCA and its personnel do not assume responsibility or liability, collectively and individually, for analysis results when detectors have been improperly handled or placed by the consumer, nor does RTCA and its personnel accept responsibility for any financial or health consequences of subsequent action or lack of action, taken by the customer or it's consultants based on RTCA-provided results.



Andrews C. George

Andreas C. George
Radon Measurement Specialist

Dante Galan Laboratory Director